Mountain Weather Forecast

South Grampian and Southeast Highlands

Including South and East Cairngorms National Park, Aberdeenshire and Angus Hills, Ben Vrackie, Ben Lawers, Loch Tay and Ochils
Forecast valid from 06:00 on Tuesday 12 Jan 2021 until 23:59 on Wednesday 13 Jan 2021

Forecast Issued on Tuesday 12 Jan 2021 at 03:02 by Met Office Aberdeen

Confidence: High for a cold and mainly dry day on Tuesday and for snow slowly spreading from west later Wednesday, but Low confidence for how quickly any milder air spreads in on Wednesday and for snow amounts and for how quickly things improve on Thursday

Headline for Tuesday 12 Jan 2021: Mostly fine, dry and sunny but very cold.

Mountain weather hazards on Tuesday 12 Jan 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
High Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny	Sunny	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	00%

Forecast for Tuesday 12 Jan 2021

Weather: Cloudy at times in the north with a few light snow showers in the morning, with widespread frost and ice, otherwise dry and very cold with clear spells then sunny spells through the day. A veil of high cloud will likely spread form west through the evening, though there will still be some clear spells.

Chance of cloud free mountain/hill tops above 800m: Mostly 90% with little cloud over the tops, but 60% in north overnight and at first Tuesday with occasional broken cloud down to 600m, perhaps 450m at times

Visibility: Very good or excellent, but briefly moderate or perhaps poor with showers

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Forecast for Tuesday 12 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	30/34 NW	25/29 NW	21/27 NW	20/26 NW	16/21 W	14/18 W	11/14 W
900	20/25 NW	15/20 NW	15/20 NW	13/19 NW	11/15 W	9/14 W	7/11 W
600	12/18 NW	10/16 W	11/18 NW	10/18 NW	8/13 W	7/12 W	5/9 W
300	8/18 NW	5/16 W	8/17 NW	7/16 W	6/14 W	5/11 W	4/9 W
Glen	6/18 NW	5/12 W	7/15 W	6/14 W	5/14 W	3/8 W	4/8 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
1100	-6/-16	-6/-15	-6/-14	-6/-14	-7/-14	-6/-13	-6/-12
900	-4/-12	-4/-11	-4/-10	-4/-10	-5/-11	-5/-10	-4/-9
600	-2/-8	-2/-7	-1/-6	-2/-6	-3/-7	-3/-7	-3/-6
300	-0/-4	-1/-4	1/-2	1/-3	-1/-4	-1/-4	-1/-4
Glen	0/-3	0/-3	2/-1	1/-2	-0/-3	-1/-3	-1/-3
Freezing Level*	100m	100m	200m	300m	100m	100m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Met Office Aberdeen Meteorologist's View
Bitterly cold, with a significant chill, even with winds easing. Some glare from lying snow, though a low sun angle

Forecast for Wednesday 13 Jan 2021
Weather: Dry with variable amounts of high cloud overnight and some clear spells, but again very cold with a widespread sharp frost. Cloud slowly increasing and lowering from west through Wednesday, bringing outbreaks of snow to the Ochils and the Perthshire Hills in early afternoon and spreading northeast through the rest of the day, though probably not reaching the Aberdeenshire hills until the early hours of Thursday. Snow will become heavy at times, with blizzard conditions over even the modest tops and hill fog becoming rather extensive, perhaps down to 400m in west

Maximum wind: Southeast 5-10mph gradually increasing 15mph in afternoon, but 25 gust 40mph in evening

Chance of cloud free mountain/hill tops above 800m: 80% at first, slowly falling to around 40% by the afternoon as cloud becomes persistent down to 900m, but 500m in west by dusk. Then chance falling to 10% in all but the far northeast as snow brings extensive cloud down to 600m, but as low as 400m in west.

Visibility: Very good, falling poor as snow arrives, but very poor with heavy snow and almost nil in blizzard conditions.

Temperature: **Glens:** Minus 2 to minus 5 C rising slowly to plus 1 or 2 C
At 800m: Minus 2 or minus 3 C
Freezing level: 300m, perhaps rising to 500m in far west later.

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